

ABSTRACT OF THE DISCLOSURE

The present method is directed to a method for the transformation of a monocot plant comprising exposing explant tissue of said monocot to an *Agrobacterium* strain under vacuum in the presence of a phenolic compound, said *Agrobacterium* strain comprising a heterologous gene of interest within a vector. The *Agrobacterium* is removed from the explant tissue, and an antibiotic against the *Agrobacterium* is added, and the transformed tissue is plated onto growth medium, grown, and then plated onto selection media. The method may be used with vectors comprising either a vir+ vector, or a super virulent vector.

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1